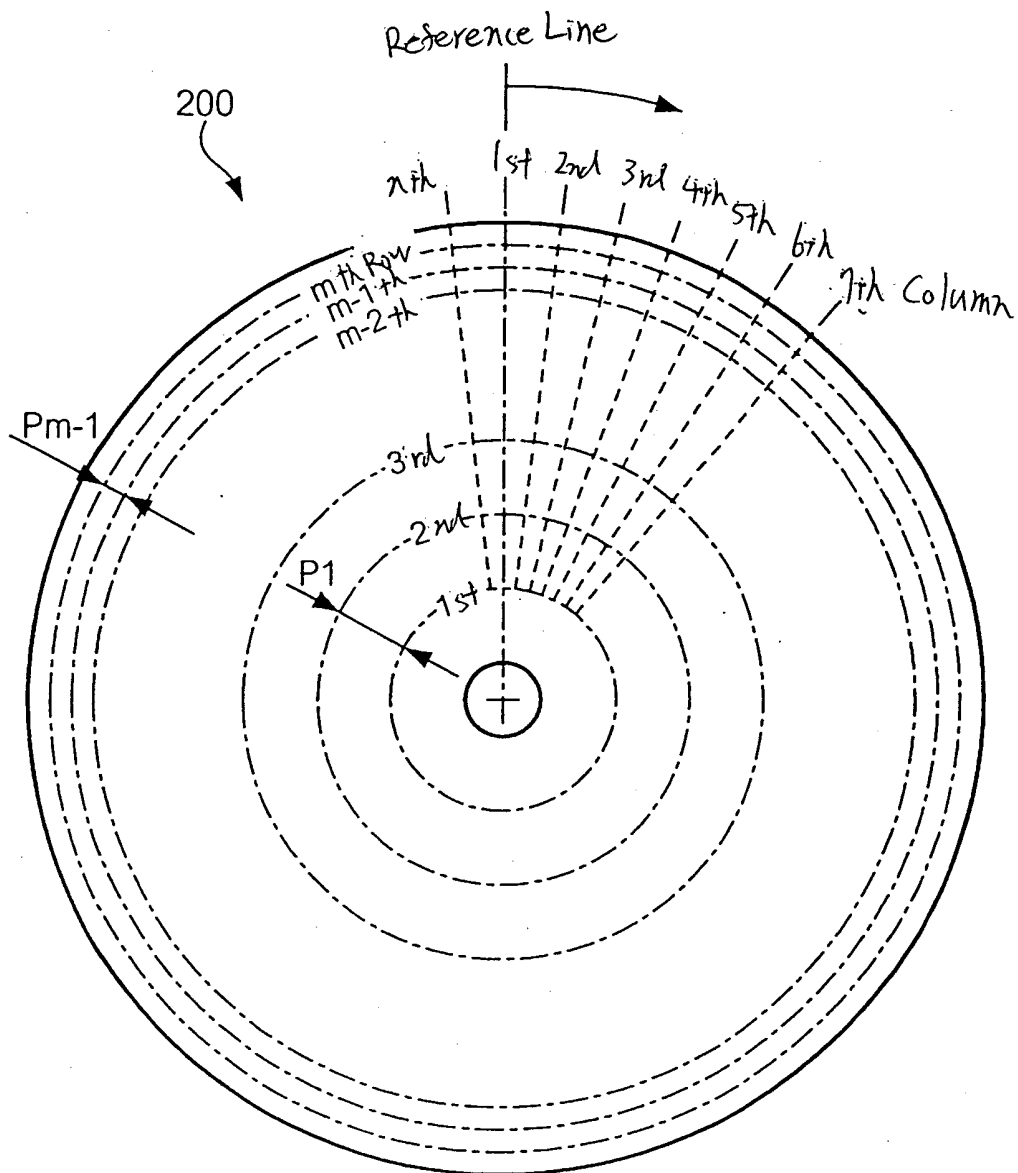
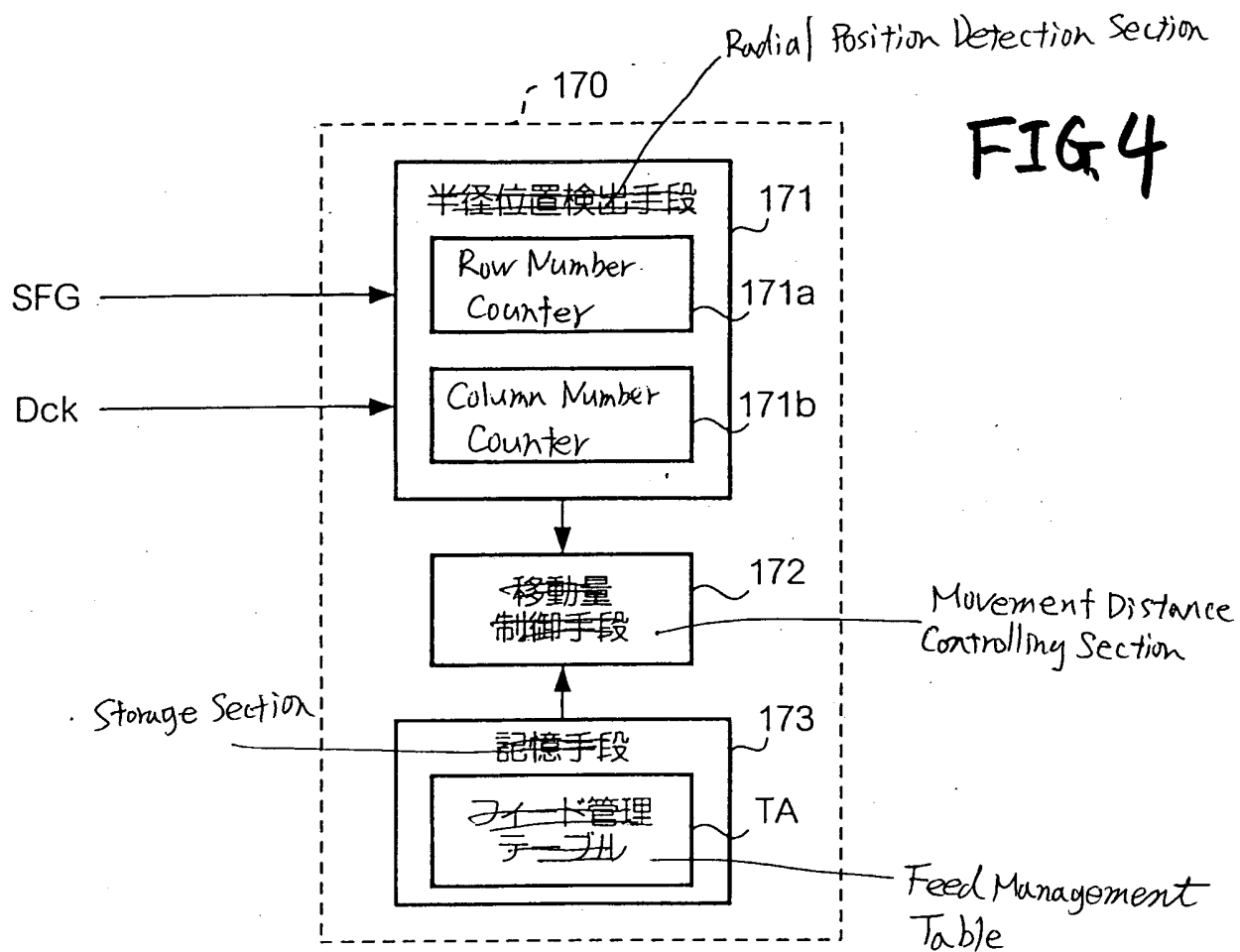


FIG. 2



<Label Face>

FIG. 3



<Feed Management Table TA>

| Radial Position | Movement Distance |
|-------------------|-------------------|
| 1st → 2nd Row | p1 |
| 2nd → 3rd Row | p2(<p1) |
| ⋮ | ⋮ |
| m-2th → m-1th Row | pm-2(<pm-3) |
| m-1th → mth Row | pm-1(<pm-2) |

FIG. 5

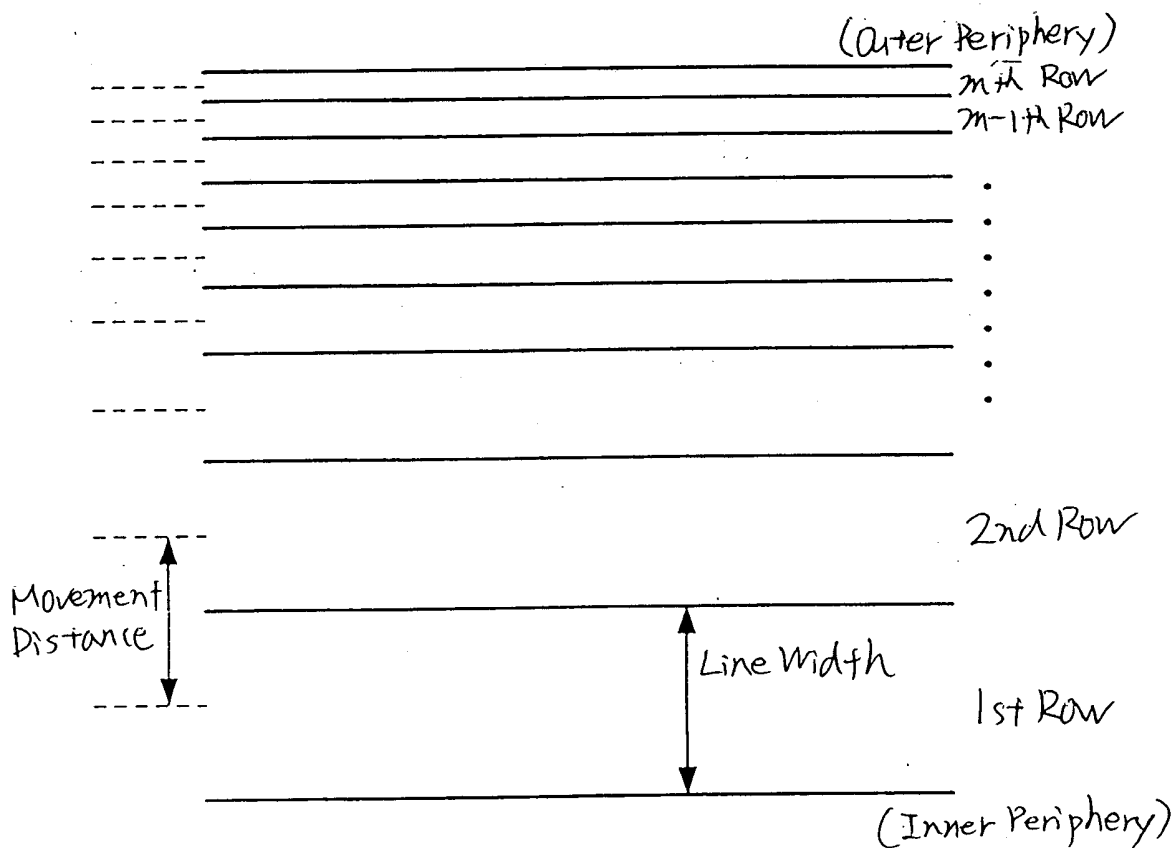
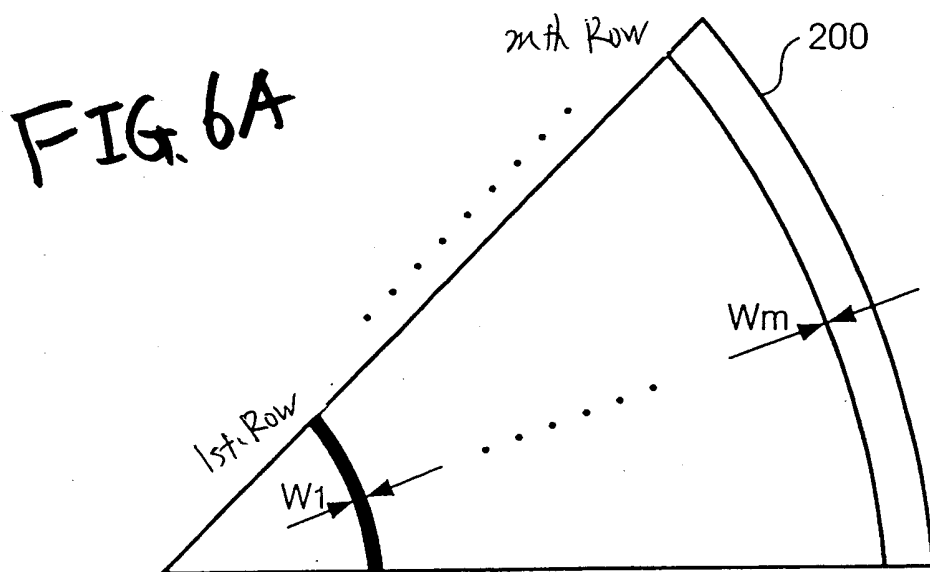


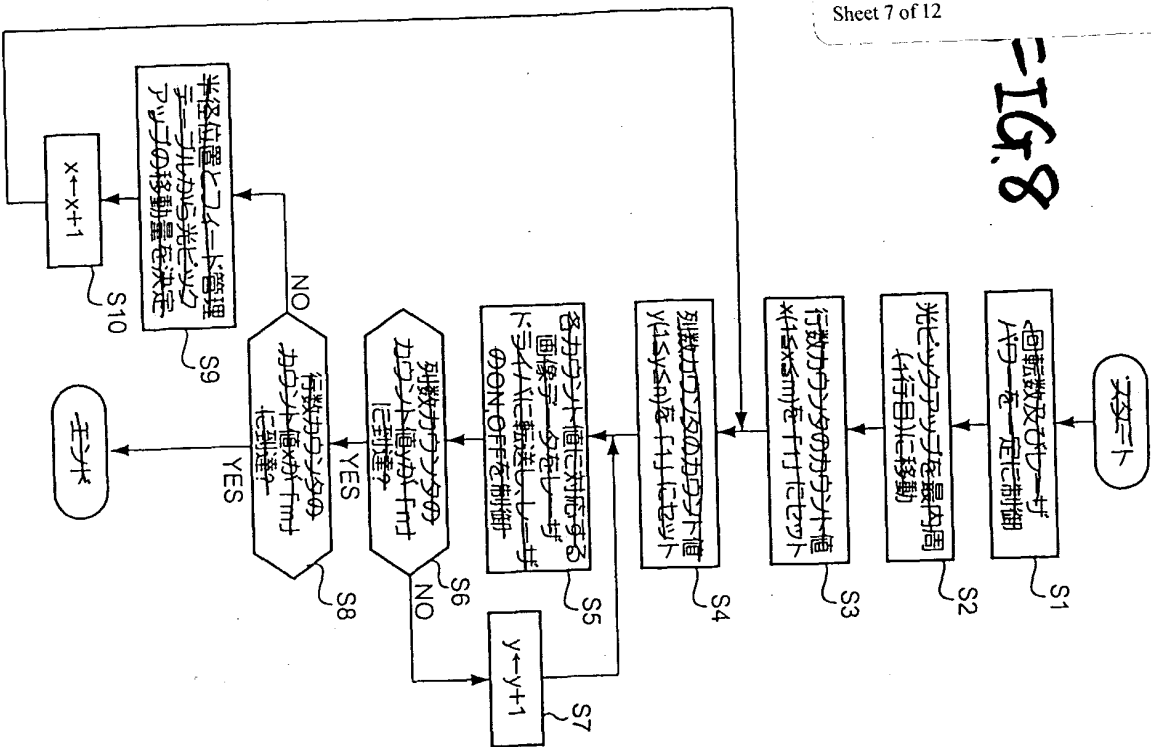
FIG. 6B

Image Data

| | 1st Column | 2nd Column | 3rd Column | ... | $n-1$ th Column | n th Column |
|--------------|------------|------------|------------|-----|-----------------|---------------|
| 1st Row | ON | OFF | ON | ... | ON | OFF |
| 2nd Row | OFF | OFF | OFF | ... | OFF | OFF |
| 3rd Row | ON | ON | OFF | ... | OFF | ON |
| ... | ... | ... | ... | ... | ... | ... |
| $n-1$ th Row | OFF | ON | ON | ... | ON | ON |
| n th Row | ON | OFF | OFF | ... | OFF | ON |

FIG. 7

FIG. 8



START

S1 CONTROL ROTATION NUMBER AND LASER POWER TO BE CONSTANT

S2 MOVE OPTICAL PICKUP TO INNERMOST PERIPHERY (1ST ROW)

S3 SET COUNT VALUE x ($1 \leq x \leq m$) OF ROW NUMBER COUNTER TO "1"

S4 SET COUNT VALUE y ($1 \leq y \leq n$) OF COLUMN NUMBER COUNTER TO "1"

S5 TRANSFER IMAGE DATA CORRESPONDING TO COUNT VALUES TO LASER DRIVER, TO CONTROL ON AND OFF OF LASER

S6 COUNT VALUE y OF COLUMN NUMBER COUNTER REACHES "n"?

S8 COUNT VALUE x OF ROW NUMBER COUNTER REACHES "m"?

S9 DETERMINE MOVEMENT DISTANCE OF OPTICAL PICKUP FROM RADIAL POSITION AND FEED MANAGEMENT TABLE

END

FIG. 9

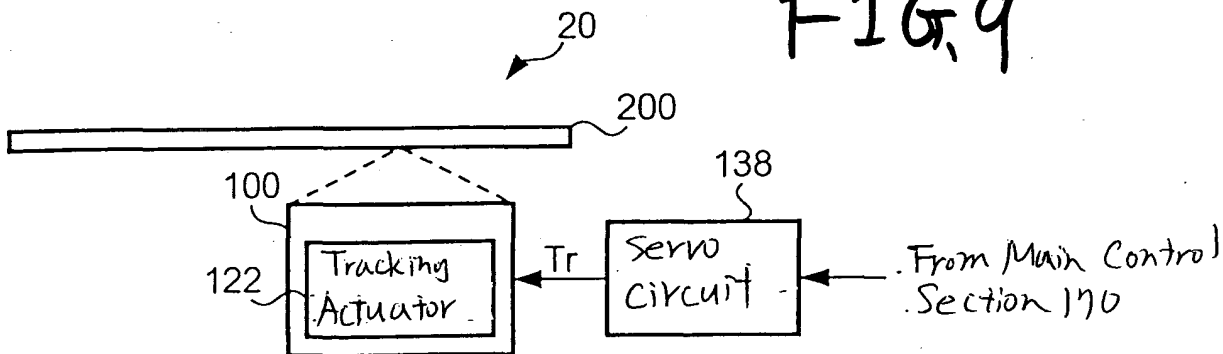
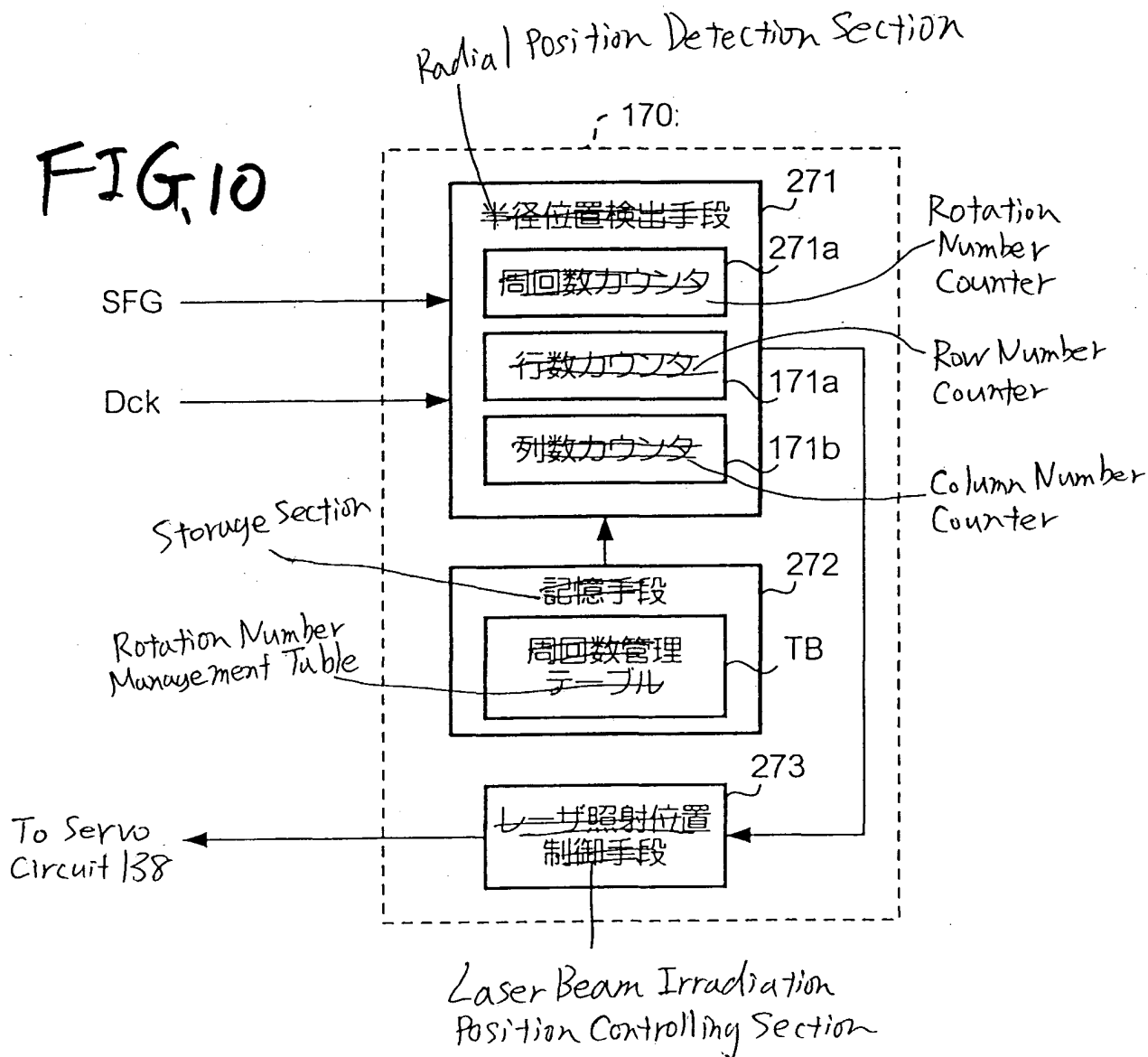


FIG. 10



<Rotation Number Management Table TB>

| Radial Position | Number of Rotation |
|-----------------|--------------------|
| 1st Row | 1 Rotation |
| 2nd Row | 2 Rotations |
| 3rd Row | 3 Rotations |
| ⋮ | ⋮ |
| $m-1$ th Row | $m-1$ Rotations |
| m th Row | m Rotations |

FIG. 11

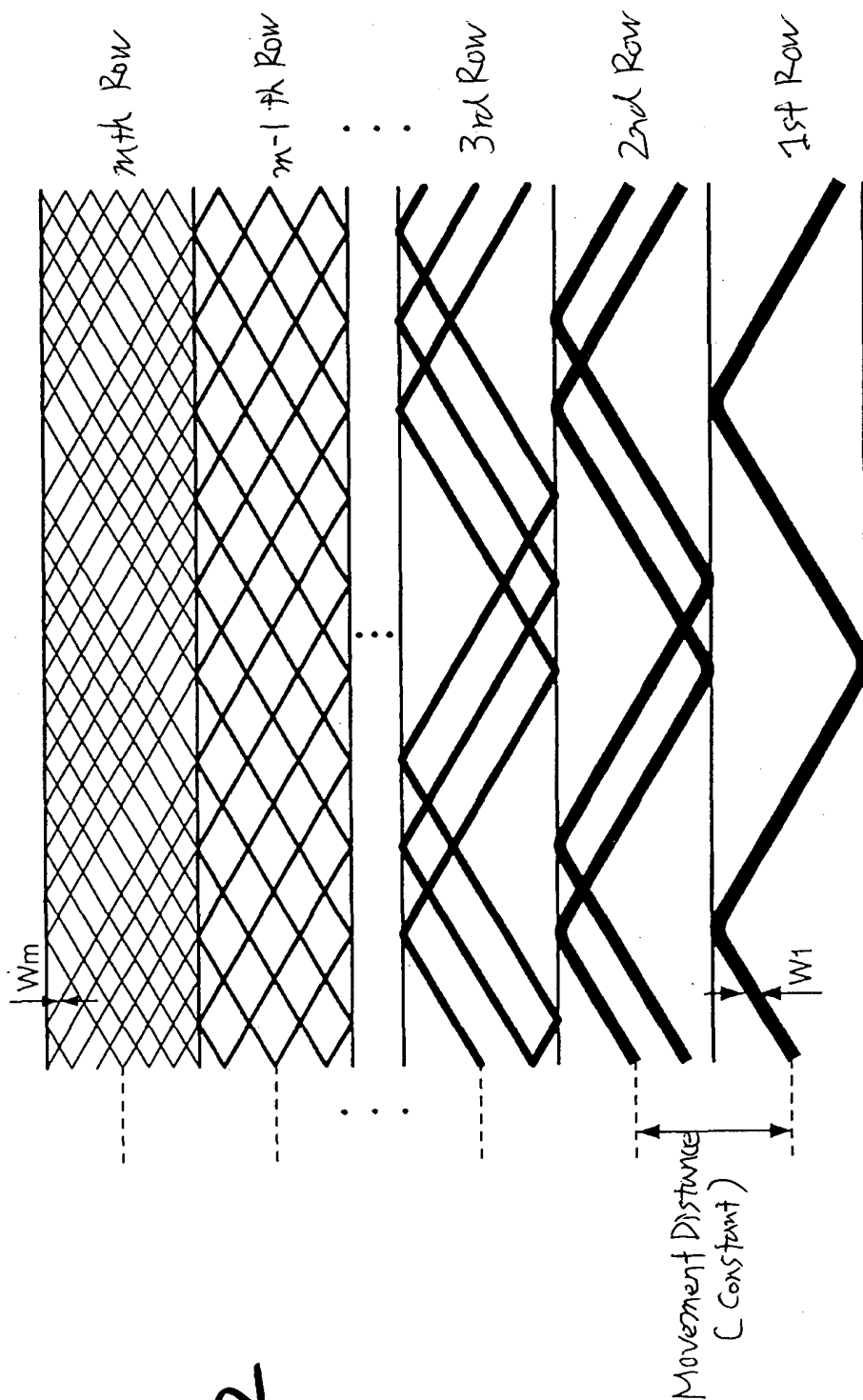
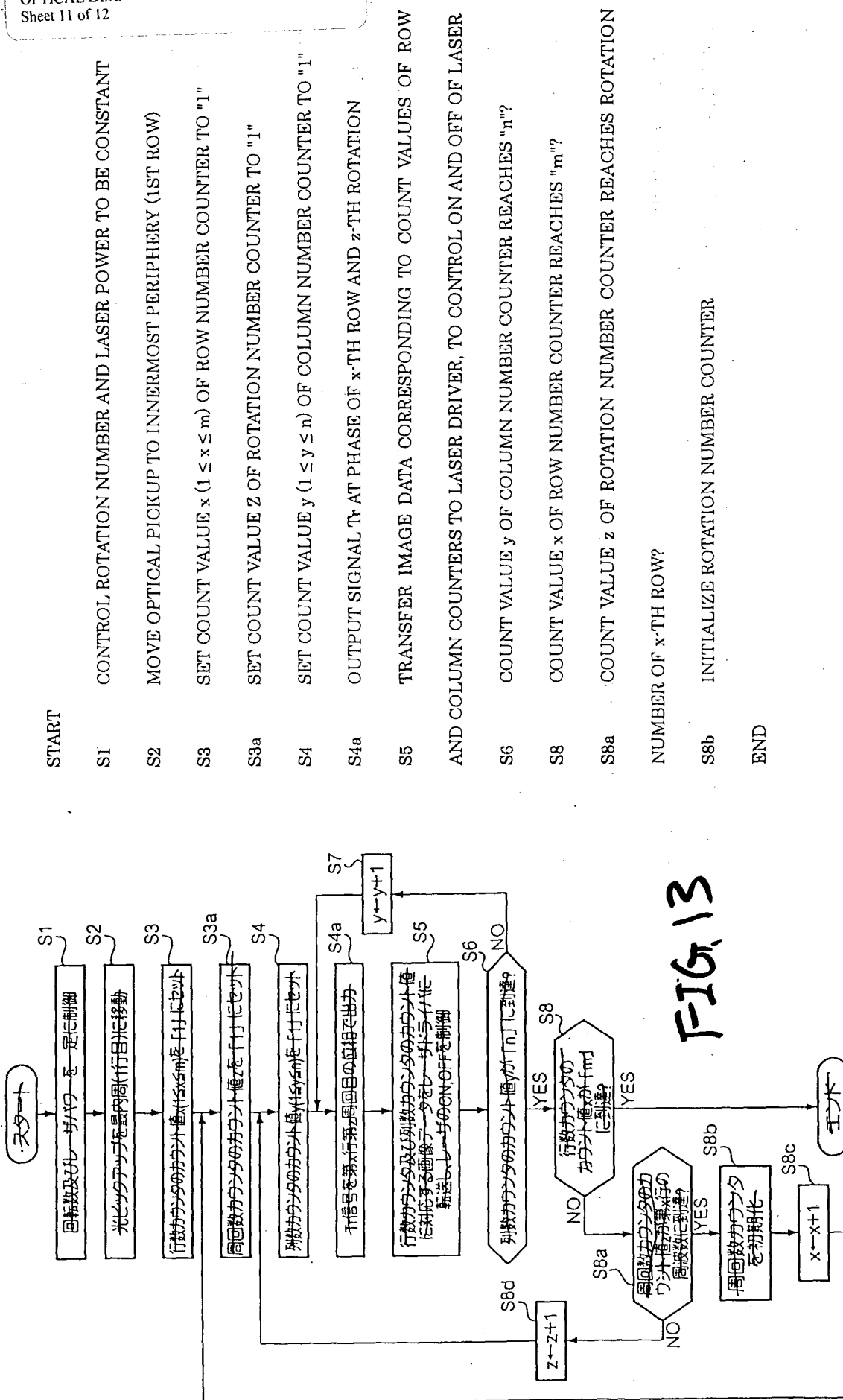


FIG. 12



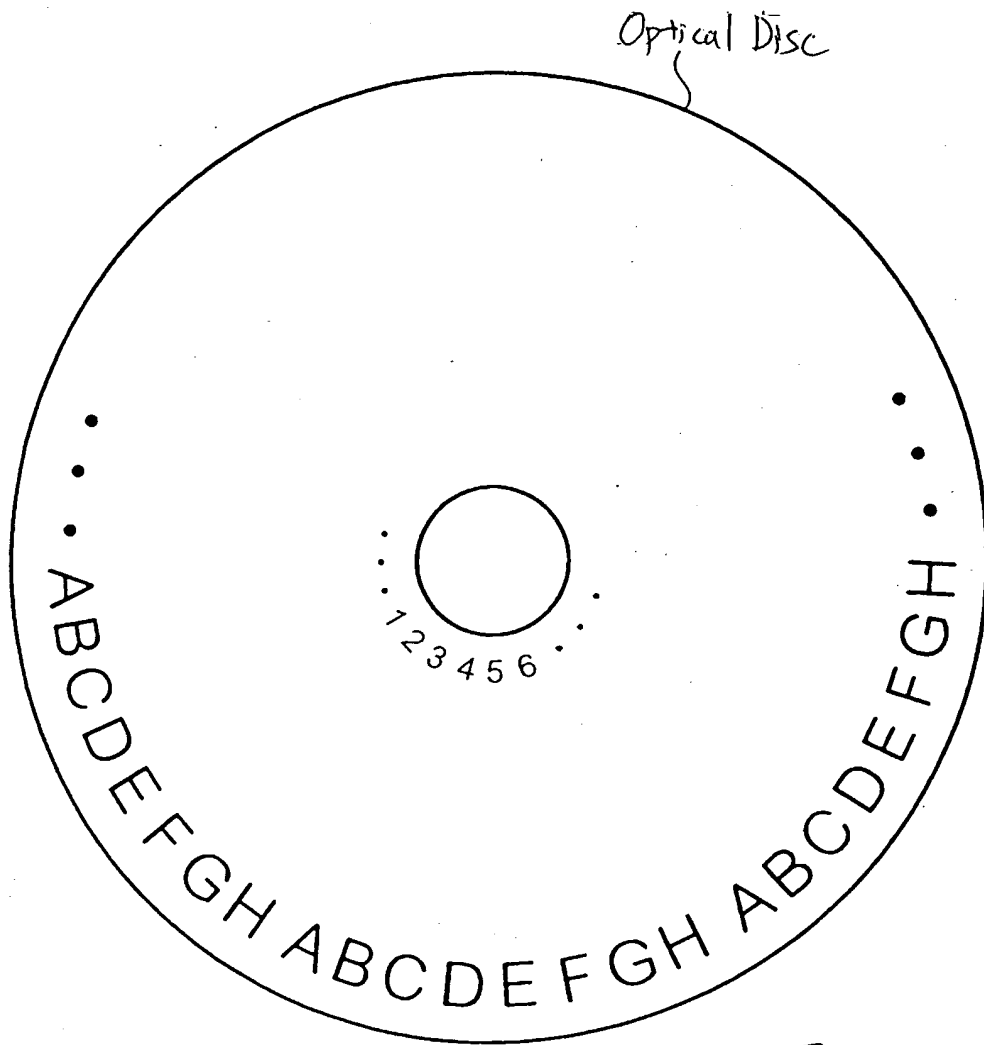


FIG. 14